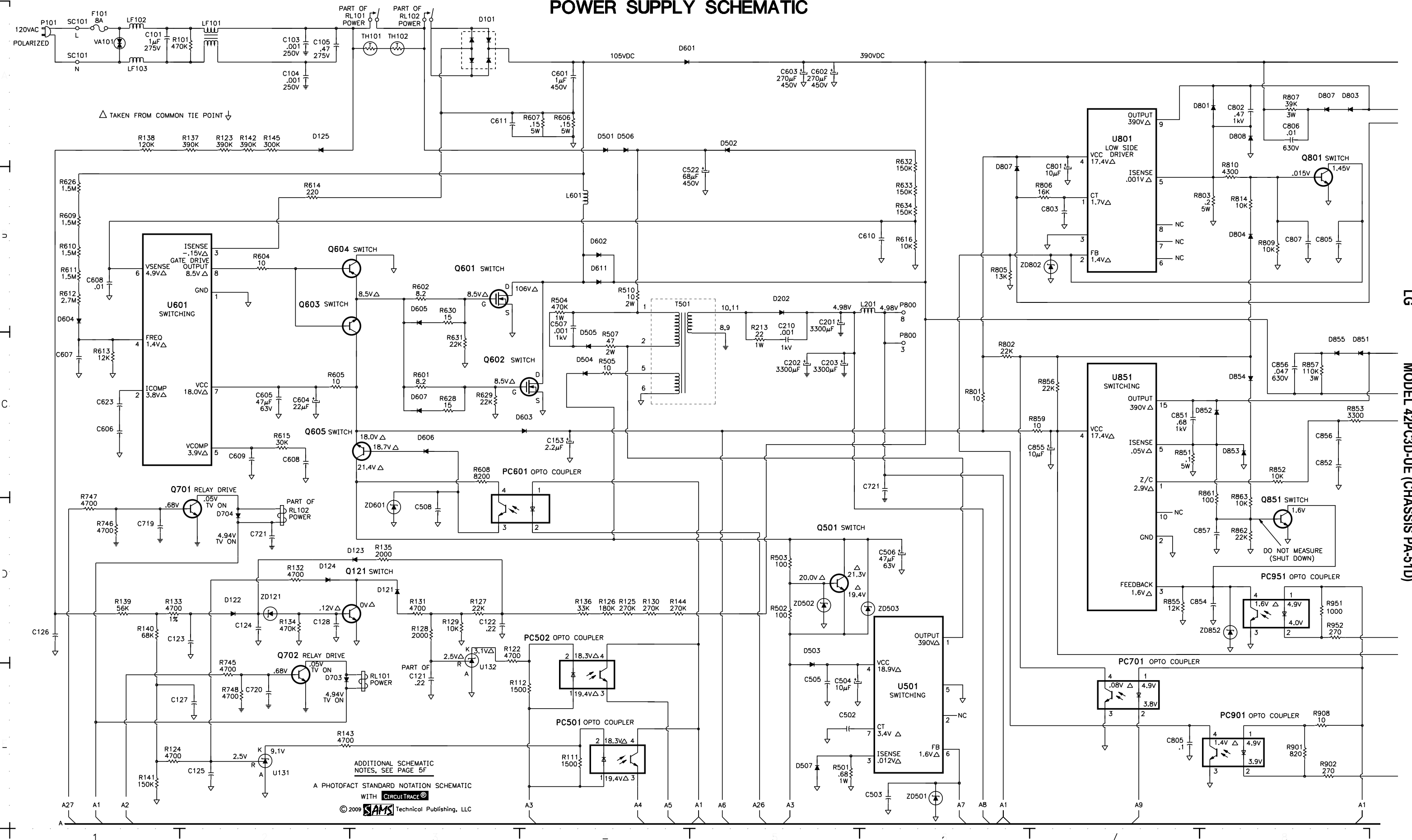


A

POWER SUPPLY SCHEMATIC

B

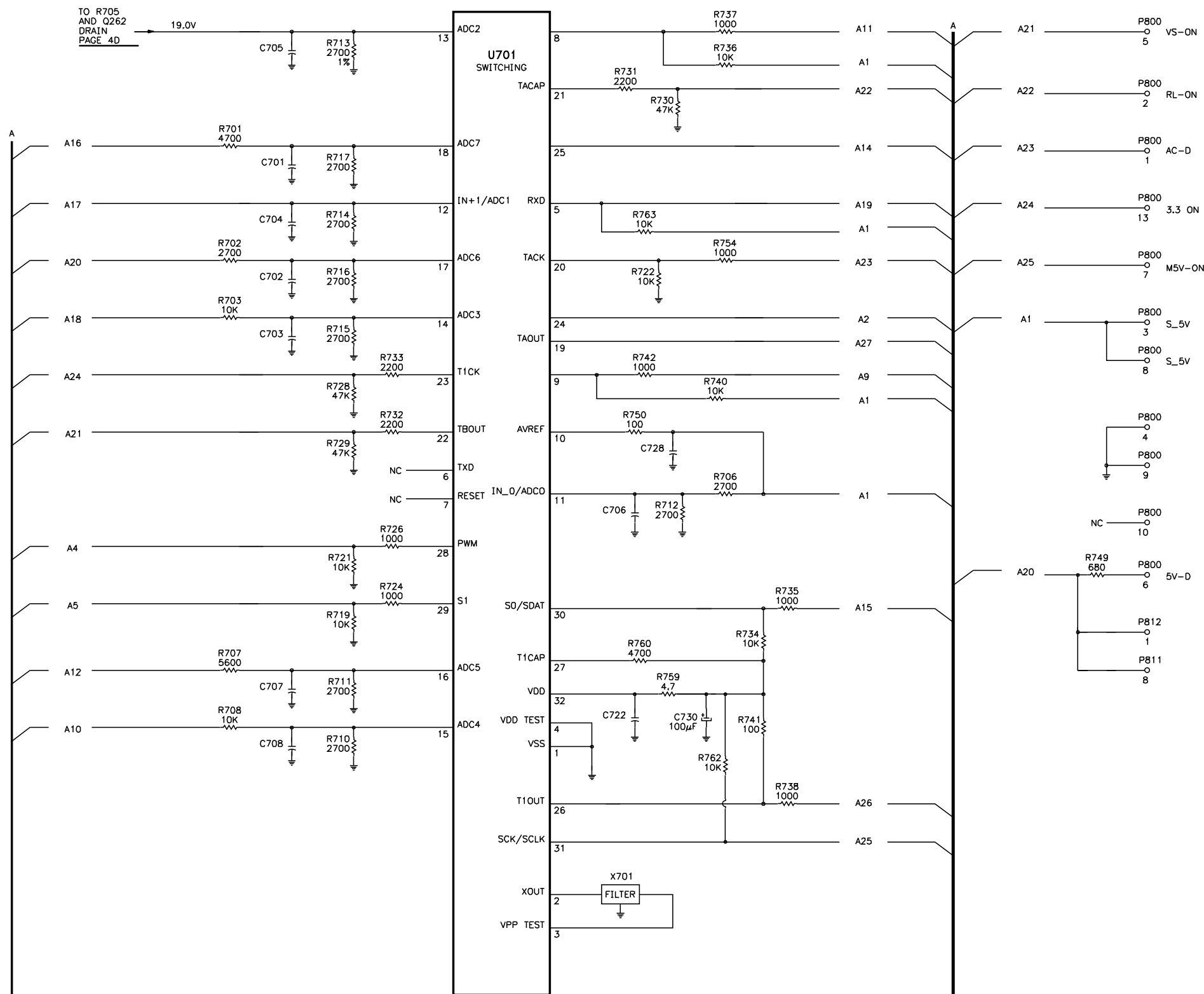


LG

MODEL 42PC3D-UE (CHASSIS PA-51D)



POWER SUPPLY SCHEMATIC continued



A PHOTOFACIT STANDARD NOTATION SCHEMATIC
WITH **CIRCUITTRACE®**
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SCHEMATIC NOTES

For SAFETY use only equivalent replacement part, see parts list.

--- Circuitry not used in some versions.

--- Circuitry used in some versions.

⏏ Ground

⏏ Chassis ground

⏏ Common tie point

⏏ Taken from common tie point

3 Schematic **CIRCUITTRACE®** Voltage source tie point.

A --- Cabling: Heavy lines reduce use of multiple lines.

Waveforms and voltages are taken from ground, unless otherwise noted.

Waveforms taken with triggered scope and colorbar signal. Waveform voltage is peak to peak, Timebase is per division. Waveforms shown at 10 divisions.

Supply voltages maintained as seen at input.

Voltages measured with digital meter and a 1000μV RF signal, with colorbar pattern applied to antenna terminal.

Controls adjusted for normal operation.

Capacitors are 50 volts or less, 5% or greater unless noted.

Capacitor values are in microfarads unless noted.

Electrolytic capacitors are 50 volts or less.

20% or greater unless noted.

Resistors are less than 1W, 5% or greater unless noted.

Value in () used in some versions.

Measurements with switching as shown unless noted.

Rated voltage shown on zener diodes.